SUBMITTAL QS12-VJ220/VP220

Wall Mounted, Single Zone, Split System

Job Name _____ Location _____

Purchaser _____ Engineer _____

Submitted to _____ Reference ☐ Approval ☐ Construction ☐

Unit Designation _____ Schedule # _____

Specifications

Model	Indoor Model Number		QS12-VJ220
	Outdoor Model Number		QS12-VP220
Performance*	Nominal Capacity*	Cooling (Btu/h)	3100 - 13000
		Heating (Btu/h)	2400 - 14000
	SEER / EER		20 / 14.2
	HSPF		9.2
	Condensate	Pints/hour	3
Power	Voltage	(ø/V/Hz)	1 / 220 / 60
	Rated Current (amps)	Cooling	4.5
		Heating	5.2
	Max Breaker	Amps	15
	Min. Circuit Ampacity		10 A
Dimensions	W X H X D (Inches)	Indoor Unit	33 1/4 X 10 7/8 X 7
		Outdoor Unit	33.4 X 23.2 X 12.6
	Weight (lbs.)	Indoor Unit	29
		Outdoor Unit	91
	Condensate Connection		11/16" OD
Heat Exchanger	Indoor & Outdoor Unit	Type	Aluminum Fin - Copper Tube
		FPI	19
		Pipe Diameter	7.25mm indoor / 3/8" outdoor
Sound Pressure Level (dB)	Indoor Unit	SH/H/M/L	44 / 39 / 36 / 33
	Outdoor Unit		52
Operating Temperatures	Cooling	ºF	0.4 ≤ T ≤ 109
	Heating	ºF	-5 ≤ T ≤ 75
Pipe Connections	Indoor & Outdoor	High side	1/4"
		Low side	3/8"
	Maximum Line Set Length		66 feet
	Maximum Vertical Separation		33 feet
Refrigerant	Type		R410A
	Control Method		Electronic Expansion Valve
	Factory Charge oz.		46.00
	Charged for		25 feet
	Additional Refrigerant		0.7 oz/ft over 25 feet
Compressor	Type		DC, Inverter Driven, Twin Rotary
	RLA	Amps	6.47
	L.R.A.	Amps	-
Evaporator Fan	Type		Crossflow (1)
	RLA	Amps	0.2
	Air Volume	CFM	335 / 277 / 253 / 218
Condenser Fan	Motor		BLDC With Axial Type Fan (1)
	Output	W	30
	RLA	Amps	0.13
Accessories	Condensate pump		ASP-MO-UNIV 110-250
	Wall Bracket		CKN-250
	Line Sets	Insulated and flared, interconnect cable included	25 foot: SLS2506
			50 foot: SLS5006
Safety Certifications			ETL & AHRI 5710082
Warranty	5 years compressor, 1 year parts, 90 day limited labor		

*Nominal cooling capacities are based on: Indoor temperature: 80ºF DB, 67ºF WB. Outdoor temperature: 95ºF DB, 75ºF WB.

*Nominal heating capacities are based on: Indoor temperature: 70ºF DB, 60ºF WB. Outdoor temperature: 47ºF DB, 43ºF WB.

Samsung and Quietside maintains a policy of ongoing development, specifications are subject to change without notice.

- Electro-static, washable, main filter as standard
- Low ambient control built in
- The outdoor unit shall supply power to the indoor unit

Construction
- The outdoor unit shall be galvanized steel with a baked on powder coated finish for durability
- The indoor shall have a UL94 V0 chassis with galvanized steel mounting bracket

Heat Exchanger
- The heat exchanger shall be mechanically bonded fin to copper tube.

Controls
- The unit shall be operated via communication through high voltage.
- 14AWG X 4 interconnect wire between condenser and evaporator.
- Evaporator ships with wireless controller as standard.

Refrigerant System
- The refrigerant shall be R410A
- The compressor shall be a hermetically sealed, inverter controlled, Twin BLDC Rotary type.
- Refrigerant flow shall be controlled by EEV (electronic expansion valve) at outdoor unit.

Indoor Fan
- Indoor fan is a single, crossflow type
- Four speed settings and auto setting

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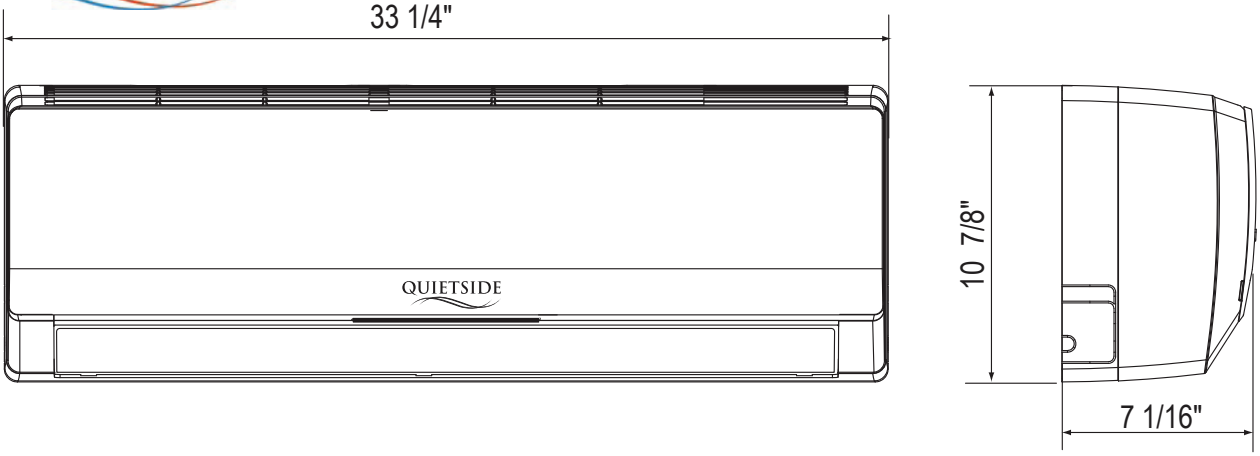

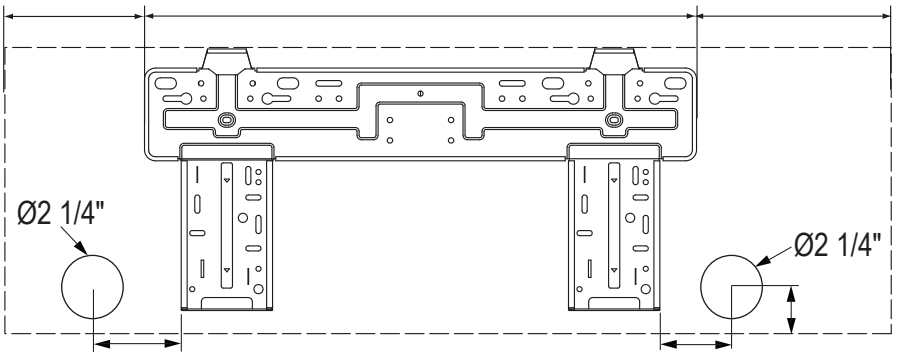

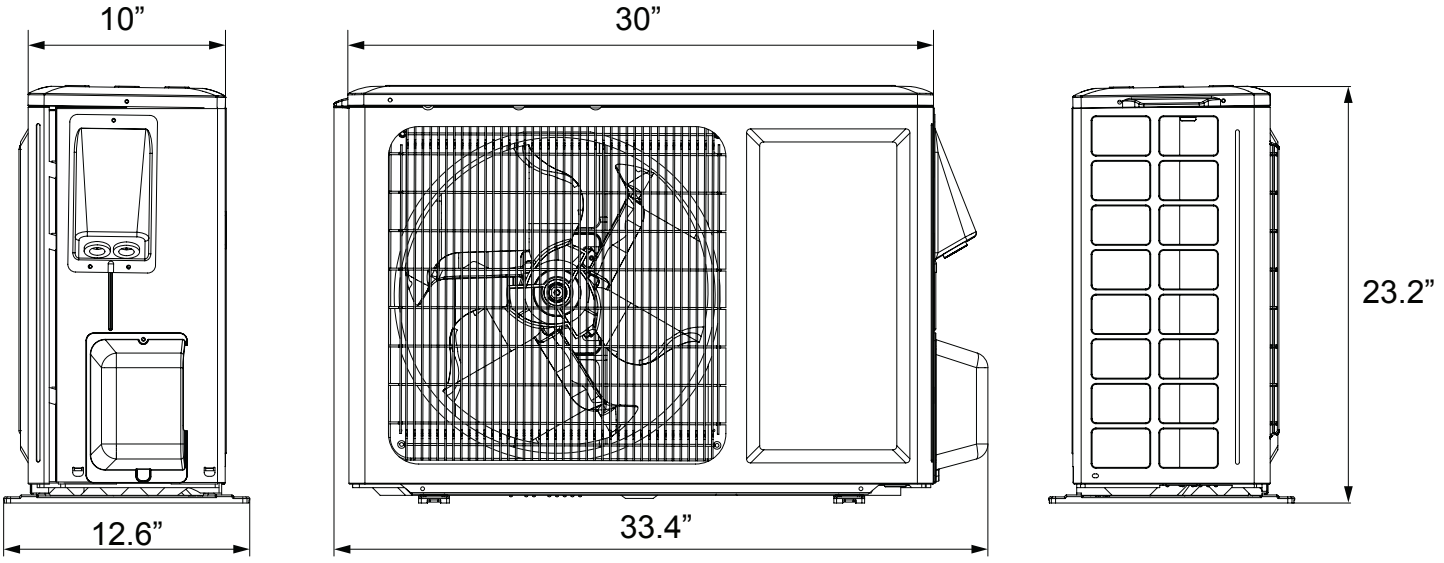

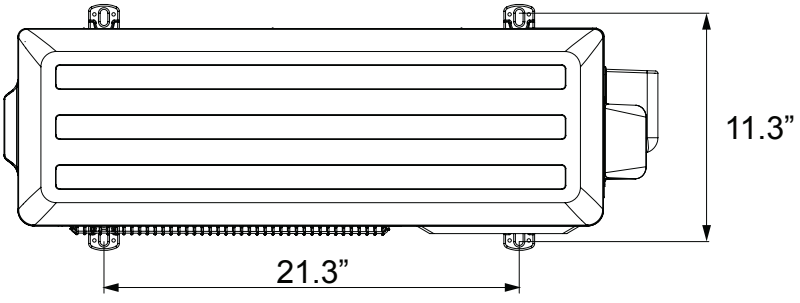

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